

Title (en)  
Conical screw connection for lamellae shaft coupling

Title (de)  
Konusschraubverbindung für Lamellenpaket-Wellenkupplungen

Title (fr)  
Raccord fileté conique utilisé dans les accouplements d'arbres à pièce d'accouplement formée de disques métalliques

Publication  
**EP 0816703 B1 20011107 (DE)**

Application  
**EP 97109334 A 19970610**

Priority  
DE 19625318 A 19960625

Abstract (en)  
[origin: US5855462A] The invention relates to a cone bolt-connection for multi-disc shaft clutches, comprising a clamping bolt (8) and a clamping sleeve (10), whereby the seat between the clamping sleeve and the clamping bolt is conically shaped. The bolt connection according to the invention provides a defined tightening measure and a particularly high centring accuracy. It is characterized in that its clamping sleeve (10) carries a second clamping sleeve (11) which has a collar (18) and, in conjunction with a clamping ring (12), positively fixes the disc packet (6, 7) in axial direction, whereby the seat between the two clamping sleeves (10, 11) is cylindrically shaped, and in that the clamping bolt (8) and the first clamping sleeve (10) form an annular gap (S) whose width is proportional to the tightening measure.

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Cited by  
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